



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**29.12.2004 Bulletin 2004/53**

(51) Int Cl.7: **H01R 24/14, H01R 13/629**

(43) Date of publication A2:  
**22.12.2004 Bulletin 2004/52**

(21) Application number: **04022922.1**

(22) Date of filing: **22.08.2000**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE**

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(30) Priority: **23.08.1999 US 150307 P**

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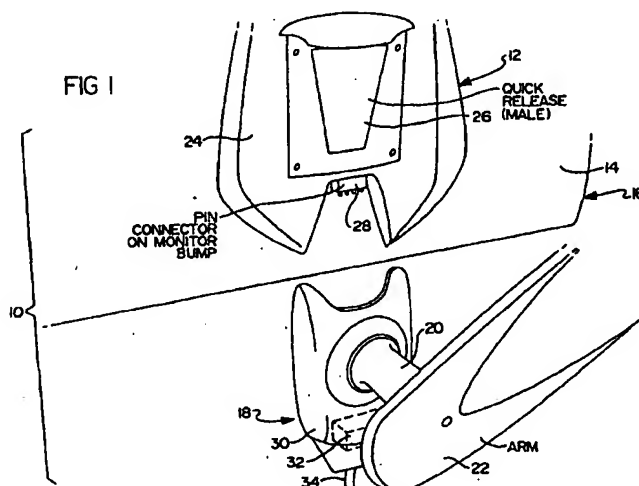
(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**00951779.8 / 1 208 620**

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(54) **Universal quick connector apparatus for an LCD monitor**

(57) A universal connector apparatus (10) comprising a first component and a second component. The first component (12) is fixedly secured to a housing of an LCD monitor (16) and includes a wedge shaped projection or protusion (26) and a first electrical connector (28). The second component (18) forms a docking station and is fixedly secured to any other support surface where the LCD monitor is to be attached and supported from. The second component includes a second electrical connector (32) intended to matingly engage with the first electrical connector. The LCD monitor is attached to the

second component by slidably engaging the wedge shaped protrusion or projection of the first component into a wedge shaped recess formed in the second component. This automatically centers the two electrical connectors before they matingly engage one another and prevents damage to the male pins of the male electrical connector. The apparatus enables an LCD monitor to be quickly and easily attached and released from a support surface incorporating the second component so that the monitor may be used at a different location as may be needed.





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# PARTIAL EUROPEAN SEARCH REPORT

Application Number

which under Rule 45 of the European Patent Convention EP 04 02 2922 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 009 384 A (GERKE DAVID B ET AL) 23 April 1991 (1991-04-23)	1,3-5,7, 9-11,13, 15,16, 19,21, 22,25, 27-29, 31, 33-35, 38, 40-42, 45, 47-49, 51,53, 54, 57-60, 62-65, 68-71, 74-78, 80-85, 87-92, 94-99, 101,102	H01R24/14 H01R13/629
A	* column 3, line 13 - line 26; figures 1,2 * ----- -/--	79,86, 93,100	<div>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</div> H01R

EPO FORM 1503 03.02 (P0400)



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INCOMPLETE SEARCH  
SHEET C

Application Number  
EP 04 02 2922

Claim(s) searched completely:

1,3-5,7,9-11,13,15,16,18,19,21,22,25,27-29,31,33-35,38,40-42,45  
47-49,51,53,54,57-60,62-65,68-71,74-102

Claim(s) not searched:

2,6,8,12,14,17,20,23,24,26,30,32,36,37,39,43,44,46,50,52,55,56,61  
66,67,72,73

Reason for the limitation of the search:

1. The application documents contain amendments which introduce subject-matter extending beyond the content of the application as filed, contrary to Article 123(2) EPC, a search for these claims would thus be meaningless:

1.1 Page 2, line 32 to page 3, line 29 of the original description appears to show the most general disclosure (i.e. with the widest scope) of the first and second engaging member. It is here disclosed though, that the "first component" which is intended to be secured to the screen (see page 3, lines 1,2) includes a "protrusion" (see line 10), which protrusion represents the first engaging member of present claim 57. An engaging member for the (mounting) component which is not a protrusion is not apparent from the original disclosure.

This objection is valid to claims 18,24,30,37,44,50,56,61,73.

1.2 The feature "and wherein the first engaging member and the second engaging member are shaped so as to prevent unintentional decoupling of the display from the support member" has not been disclosed originally.

This objection is valid to claims 2,8,14,20,26,32,39,46,52,67.

1.3 Only engaging portions have been disclosed which are shaped complementary to each other, for example wedge-shaped. Claims 6,12,17,23,36,43,55,66,72 define a leading portion wider than a non-leading portion which is not disclosed, because drawn out of the context of the engaging portions being complementary wedge-shaped.



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EP 04 02 2922

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	US 5 687 939 A (MOSCOVITCH JERRY) 18 November 1997 (1997-11-18)  * column 3, line 12 - line 20; figures 1-6 *	1,7,13, 19,25, 31,38, 45,51, 57,62, 68,74, 81,88, 95,102	
A	US 3 348 116 A (ARTHUR H. FREEMAN ET AL.) 17 October 1967 (1967-10-17)  * column 2, line 43 - line 63; figures 1-6 * -----	1,7,13, 19,25, 31,38, 45,51, 57,62, 68,74, 81,88, 95,102	TECHNICAL FIELDS SEARCHED (Int.Cl.7)

EPO FORM 1502 03.02 (94/C10)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 02 2922

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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18-10-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5009384	A	23-04-1991	NONE	
US 5687939	A	18-11-1997	CA 2203859 A1 US RE36978 E	26-10-1997 05-12-2000
US 3348116	A	17-10-1967	NONE	

EPO FORM P0169

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82